

(19) World Intellectual Property Organization  
International Bureau



PCT



(43) International Publication Date  
21 September 2006 (21.09.2006)

(10) International Publication Number  
**WO 2006/097789 A2**

(51) International Patent Classification:  
**F02B 41/00** (2006.01)

(21) International Application Number:  
PCT/IB2005/003774

(22) International Filing Date:  
14 December 2005 (14.12.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2004-362451 15 December 2004 (15.12.2004) JP  
2005-327148 11 November 2005 (11.11.2005) JP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

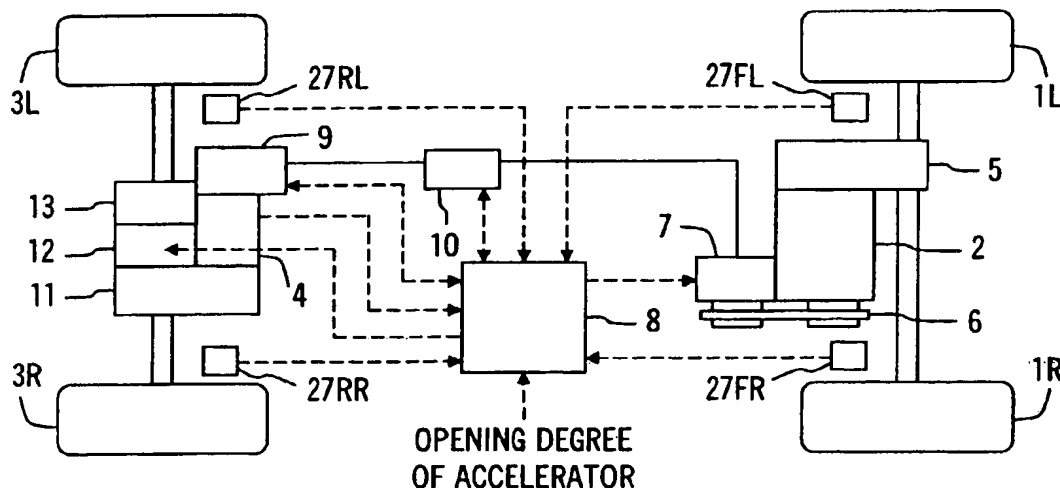
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR CONTROLLING A MOTOR



(57) Abstract: A motor control device is disclosed that reduces the shock caused by torque increase during switching output of a motor's power generator from PWM wave voltage driving to square-wave voltage driving. Switching of PWM wave voltage driving and square-wave voltage driving is determined based on rotation speed of the motor and a torque instruction value. When switching from PWM wave voltage driving to square-wave voltage driving occurs, the voltage output of the power generator is reduced. When generated voltage V drops below a specified threshold voltage, PWM wave voltage driving is switched to square-wave driving.



— of inventorship (Rule 4.17(iv))

**Published:**

— without international search report and to be republished  
upon receipt of that report

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